Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011377.D
Acq On : 31 Aug 2017 18:18
Operator : SJ/JU
Sample : PB101971BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB101971BS

Quant Time: Sep 01 05:02:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	597256	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2614238	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1479077	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	3071249	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3155532	20.00	ng		0.00
86) Perylene-d12	23.91	264	3052748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	4798579	135.24	ng		0.00
7) Phenol-d6	7.15	99	6240801	126.85	ng		0.00
23) Nitrobenzene-d5	9.16	82	3303256	83.27	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	2100461	122.75	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	8246517	80.37	ng		0.00
78) Terphenyl-d14	19.97	244	9339152	73.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	450537	30.466	ng	#	100
3) Pyridine	3.84	79	1375918	30.382	ng	#	86
4) n-Nitrosodimethylamine	3.75	42	777139	33.608	ng	#	72
6) Aniline	7.32	93	1888921	28.268	ng		96
8) 2-Chlorophenol	7.56	128	1613509	38.573	ng		92
9) Benzaldehyde	7.13	77	451885	15.801	ng		97
10) Phenol	7.17	94	2105692	38.931	ng	#	73
11) bis(2-Chloroethyl)ether	7.41	93	1507674	34.875	ng		85
12) 1,3-Dichlorobenzene	7.88	146	1610117	33.803	ng		98
13) 1,4-Dichlorobenzene	8.03	146	1638294	33.821	ng		99
14) 1,2-Dichlorobenzene	8.35	146	1564946	33.378	ng		98
15) Benzyl Alcohol	8.23	79	1377400	38.722	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	2530871	35.009	ng		93
17) 2-Methylphenol	8.43	107	1371600	39.603	ng		97
18) Hexachloroethane	9.08	117	564040	34.013	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	1203379	33.311	ng	#	85
20) 3+4-Methylphenols	8.75	107	1853780	38.578	ng		97
22) Acetophenone	8.82	105	2260025	34.791	ng	#	92
24) Nitrobenzene	9.20	77	1653352	37.823	ng		92
25) Isophorone	9.73	82	3226708	36.301	ng		94
26) 2-Nitrophenol	9.91	139	659298	36.447	ng	#	84
27) 2,4-Dimethylphenol	9.96	122	1564744	37.753	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	2142932	35.328	ng		99
29) 2,4-Dichlorophenol	10.45	162	1529983	39.455	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	1475873	34.381	ng		98
31) Naphthalene	10.86	128	4864604	34.465	ng		100
32) Benzoic acid	10.09	122	848351	32.587	ng		99
33) 4-Chloroaniline	10.95	127	972288	15.746	ng	#	90
34) Hexachlorobutadiene	11.13	225	819281	33.496	ng		98
35) Caprolactam	11.74	113	474311	33.964	ng	#	70
36) 4-Chloro-3-methylphenol	12.07	107	1616171	35.485	ng		92
37) 2-Methylnaphthalene	12.46	142	3524936	35.881	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1549552	34.813	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1942242	95.187	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	1100755	37.360	ng		99
43) 2,4,5-Trichlorophenol	13.13	196	1174851	39.262	ng	#	91
45) 1,1'-Biphenyl	13.46	154	4414079	33.616	ng		97
46) 2-Chloronaphthalene	13.50	162	3339080	34.232	ng		95
47) 2-Nitroaniline	13.70	65	1004799	34.226	ng		86
48) Acenaphthylene	14.35	152	5394338	35.493	ng		100
49) Dimethylphthalate	14.08	163	4166959	35.455	ng		99
50) 2,6-Dinitrotoluene	14.19	165	835036	37.524	ng		92
51) Acenaphthene	14.69	154	3334397	33.786	ng		99
52) 3-Nitroaniline	14.52	138	627129	21.696	ng	#	84
53) 2,4-Dinitrophenol	14.73	184	597087	66.158	ng		88
54) Dibenzofuran	15.02	168	5083223	37.353	ng		95
55) 4-Nitrophenol	14.82	139	1589854	70.677	ng	#	46
56) 2,4-Dinitrotoluene	14.98	165	1110900	36.699	ng	#	78
57) Fluorene	15.67	166	4108748	34.631	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.24	232	999124	41.263	ng	#	100
59) Diethylphthalate	15.44	149	4253504	35.126	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	1939611	35.049	ng		96
61) 4-Nitroaniline	15.69	138	958896	31.913	ng		85
62) Azobenzene	15.96	77	4125940	37.807	ng		94
64) 4,6-Dinitro-2-methylphenol	15.74	198	416446	37.961	ng		90
65) n-Nitrosodiphenylamine	15.87	169	3549248	36.674	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	1194507	36.975	ng	#	90
67) Hexachlorobenzene	16.67	284	1318258	34.772	ng	#	91
68) Atrazine	16.82	200	1144882	40.365	ng		97
69) Pentachlorophenol	17.01	266	1570890	75.478	ng		98
70) Phenanthrene	17.41	178	6298103	36.823	ng		98
71) Anthracene	17.50	178	6420523	37.331	ng		98
72) Carbazole	17.76	167	5933909	35.801	ng		99
73) Di-n-butylphthalate	18.32	149	7223874	37.515	ng		100
74) Fluoranthene	19.41	202	6841481	35.055	ng		95
76) Benzidine	19.59	184	4900441	78.685	ng		99
77) Pyrene	19.77	202	7100804	36.722	ng		98
79) Butylbenzylphthalate	20.66	149	3214296	37.628	ng		96
80) Benzo(a)anthracene	21.51	228	6489631	36.771	ng		98
81) 3,3'-Dichlorobenzidine	21.44	252	1714233	25.584	ng		100
82) Chrysene	21.56	228	6057978	36.418	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	4684115	37.402	ng		99
84) Di-n-octyl phthalate	22.36	149	8160871	38.656	ng		96
85) Indeno(1,2,3-cd)pyrene	26.37	276	6594397	42.498	ng	#	89
87) Benzo(b)fluoranthene	23.19	252	6828972	36.436	ng		99
88) Benzo(k)fluoranthene	23.24	252	6283819	34.969	ng		98
89) Benzo(a)pyrene	23.81	252	6310687	37.332	ng	#	97
90) Dibenzo(a,h)anthracene	26.39	278	5545185	38.330	ng		99
91) Benzo(g,h,i)perylene	27.12	276	5338569	38.183	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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